

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 17, 2005, 20:41:50 ; Search time 25 Seconds
(without alignments)
1358.613 Million cell updates/sec

Title: US-09-943-664-50
Perfect score: 2529
Sequence: 1 MHAPETSPGRGHILAVLAL.....RNRVICOFAQEHISRWGPGS 455

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues
Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Maximum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database :
1: /cgm2_6/prodata/1/iaa/5A_COMB.pep:*
2: /cgm2_6/prodata/1/iaa/5B_COMB.pep:*
3: /cgm2_6/prodata/1/iaa/6A_COMB.pep:*
4: /cgm2_6/prodata/1/iaa/6B_COMB.pep:*
5: /cgm2_6/prodata/1/iaa/PTUS_COMB.pep:*
6: /cgm2_6/prodata/1/iaa/backfillseq1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2529	100.0	455	US-09-866-028-50	Sequence 50, App1
2	2529	100.0	455	US-09-944-457-50	Sequence 50, App1
3	272	10.8	463	US-09-907-794A-285	Sequence 285, App
4	272	10.8	463	US-09-905-125A-285	Sequence 285, App
5	272	10.8	463	US-09-902-775A-285	Sequence 285, App
6	272	10.8	463	US-09-906-700-285	Sequence 285, App
7	272	10.8	463	US-09-903-603A-285	Sequence 285, App
8	272	10.8	463	US-09-904-920A-285	Sequence 285, App
9	272	10.8	463	US-09-909-064-285	Sequence 285, App
10	272	10.8	463	US-09-905-381A-285	Sequence 285, App
11	272	10.8	463	US-09-906-618-285	Sequence 285, App
12	267	10.6	270	US-08-773-368-1	Sequence 1, App1
13	267	10.6	270	US-09-199-887-1	Sequence 1, App1
14	259	10.2	258	US-09-698-781-3	Sequence 3, App1
15	232	9.2	219	US-08-773-368-3	Sequence 3, App1
16	232	9.2	219	US-09-199-887-3	Sequence 3, App1
17	231	9.1	266	US-08-773-368-4	Sequence 4, App1
18	231	9.1	266	US-09-199-887-4	Sequence 4, App1
19	222.5	8.8	257	US-09-949-016-7490	Sequence 7490, App
20	221	8.7	243	US-09-541-759-7	Sequence 7, App1
21	213.5	8.4	249	US-09-949-016-6025	Sequence 6025, App
22	213.5	8.4	267	US-09-949-016-7489	Sequence 7489, App
23	212	8.4	1257	US-08-340-428B-49	Sequence 49, App1
24	196	7.8	2409	Patent No. 5180808	Patent No. 5180808
25	196	7.8	2409	5180808-2	Sequence 5, App1
26	189.5	7.5	1455	US-08-840-062-5	Sequence 28, App1
27	185	7.3	151	US-08-614-935-28	

28	185	7.3	151	3	US-09-130-287-28	Sequence 28, App1
29	182.5	7.2	135	2	US-07-857-224B-97	Sequence 97, App1
30	182.5	7.2	135	2	US-07-857-224B-98	Sequence 98, App1
31	180.5	7.1	135	2	US-07-857-224B-99	Sequence 99, App1
32	180.5	7.1	205	1	US-08-419-414-10	Sequence 10, App1
33	180.5	7.1	205	1	US-08-614-935-6	Sequence 6, App1
34	180.5	7.1	205	1	US-08-614-935-7	Sequence 7, App1
35	180.5	7.1	205	3	US-09-130-287-6	Sequence 6, App1
36	180.5	7.1	205	3	US-09-130-287-7	Sequence 7, App1
37	178.5	7.1	1456	4	US-09-976-594-168	Sequence 168, App1
38	178	7.0	737	4	US-09-866-028-15	Sequence 15, App1
39	178	7.0	737	4	US-09-944-457-15	Sequence 15, App1
40	174	6.9	111	2	US-07-857-224B-105	Sequence 105, App
41	172	6.8	138	4	US-07-857-224B-100	Sequence 100, App
42	172	6.8	133	4	US-09-257-583-13	Sequence 13, App1
43	171	6.8	139	2	US-07-857-224B-101	Sequence 101, App
44	171	6.8	168	1	US-08-181-271A-45	Sequence 45, App1
45	171	6.8	168	1	US-08-449-315-45	Sequence 45, App1
46	171	6.8	168	1	US-08-449-803-45	Sequence 45, App1
47	171	6.8	168	1	US-08-449-043-45	Sequence 45, App1
48	171	6.8	168	1	US-08-456-265A-45	Sequence 45, App1
49	171	6.8	168	1	US-08-455-416-45	Sequence 45, App1
50	171	6.8	168	1	US-08-455-244-45	Sequence 45, App1
51	171	6.8	168	1	US-08-454-876-45	Sequence 45, App1
52	171	6.8	168	2	US-08-457-364-45	Sequence 45, App1
53	171	6.8	168	2	US-08-456-262-45	Sequence 45, App1
54	171	6.8	168	2	US-08-456-240-45	Sequence 45, App1
55	171	6.8	168	2	US-08-455-736-45	Sequence 45, App1
56	171	6.8	168	2	US-08-971-217-45	Sequence 45, App1
57	171	6.8	168	3	US-09-350-600-45	Sequence 45, App1
58	171	6.8	168	4	US-09-906-234-45	Sequence 45, App1
59	169	6.7	204	1	US-08-614-935-1	Sequence 1, App1
60	169	6.7	204	3	US-09-130-287-1	Sequence 1, App1
61	168.5	6.7	912	5	PCT-US85-03747-2	Sequence 2, App1
62	168.5	6.7	2221	4	US-09-230-652-2	Sequence 2, App1
63	168	6.6	171	2	US-08-773-368-6	Sequence 6, App1
64	168	6.6	171	3	US-09-199-887-6	Sequence 6, App1
65	166	6.6	204	1	US-08-419-414-9	Sequence 9, App1
66	166	6.6	204	1	US-08-614-935-2	Sequence 2, App1
67	166	6.6	204	3	US-09-130-287-2	Sequence 2, App1
68	166	6.6	137	4	US-09-541-759-6	Sequence 6, App1
69	165	6.5	129	2	US-07-857-224B-102	Sequence 102, App
70	164.5	6.5	167	2	US-08-773-368-5	Sequence 5, App1
71	164.5	6.5	167	3	US-09-199-887-5	Sequence 5, App1
72	161.5	6.4	114	2	US-07-857-224B-106	Sequence 106, App
73	161.5	6.4	114	2	US-07-857-224B-108	Sequence 108, App
74	161.5	6.4	205	1	US-08-614-935-4	Sequence 4, App1
75	161.5	6.4	205	3	US-09-130-287-4	Sequence 4, App1
76	161.5	6.4	2523	1	US-08-185-432-18	Sequence 18, App1
77	161.5	6.4	2523	4	US-08-899-233-3	Sequence 3, App1
78	161.5	6.4	2523	4	US-09-121-457-3	Sequence 3, App1
79	161	6.4	273	4	US-09-638-203-2	Sequence 2, App1
80	159	6.3	722	4	US-08-981-392-12	Sequence 12, App1
81	159	6.3	722	3	US-09-908-323-12	Sequence 12, App1
82	158.5	6.3	150	1	US-08-614-935-29	Sequence 29, App1
83	158.5	6.3	150	3	US-09-130-287-29	Sequence 29, App1
84	158.5	6.3	728	3	US-08-981-392-2	Sequence 2, App1
85	158.5	6.3	728	4	US-09-908-322-2	Sequence 2, App1
86	158.5	6.3	729	3	US-08-872-855-8	Sequence 8, App1
87	158	6.2	424	1	US-08-419-414-2	Sequence 2, App1
88	158	6.2	720	3	US-08-872-855-4	Sequence 4, App1
89	157	6.2	204	1	US-08-614-935-5	Sequence 5, App1
90	157	6.2	204	3	US-09-130-287-5	Sequence 5, App1
91	156	6.2	520	3	US-09-068-740A-3	Sequence 3, App1
92	156	6.2	702	3	US-09-068-740A-4	Sequence 4, App1
93	156	6.2	723	3	US-09-068-740A-9	Sequence 9, App1
94	156	6.2	723	4	US-09-423-753-27	Sequence 27, App1
95	156	6.2	723	4	US-09-641-612-6	Sequence 6, App1
96	156	6.2	2703	1	US-08-185-432-19	Sequence 19, App1
97	156	6.2	2703	4	US-08-899-232-4	Sequence 4, App1
98	156	6.2	2703	4	US-09-121-457-4	Sequence 4, App1
99	155	6.1	717	3	US-08-872-855-9	Sequence 9, App1
100	154.5	6.1	114	2	US-07-857-224B-107	Sequence 107, App

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OM protein - protein search, using sw model

Run on: August 17, 2005, 20:42:40 ; Search time 66 Seconds

(without alignments)
2699,571 Million cell updates/sec

Perfect score: 2529
1 MLHETSPPGRGHILAVLLA.....RNRVTCQFAQHSIRMGKGS 455

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1759131 seqs, 391586102 residues

Total number of hits satisfying chosen parameters: 1759131

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 1500 summaries

Database :

Published Applications AA:*
1: /cgn2_6/ptodata/2/pubppaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/2/pubppaa/PC7_NEW_PUB.pep.*
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4: /cgn2_6/ptodata/2/pubppaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/2/pubppaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/2/pubppaa/PC7US_PUBCOMB.pep.*
7: /cgn2_6/ptodata/2/pubppaa/US08_NEW_PUB.pep.*
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9: /cgn2_6/ptodata/2/pubppaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/2/pubppaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/2/pubppaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubppaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubppaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubppaa/US10B_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/2/pubppaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/2/pubppaa/US10E_PUBCOMB.pep.*
18: /cgn2_6/ptodata/2/pubppaa/US10F_PUBCOMB.pep.*
19: /cgn2_6/ptodata/2/pubppaa/US11A_PUBCOMB.pep.*
20: /cgn2_6/ptodata/2/pubppaa/US11_NEW_PUB.pep.*
21: /cgn2_6/ptodata/2/pubppaa/US60_NEW_PUB.pep.*
22: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
3	2529	100.0	455	9	US-09-944-457-50
23	2529	100.0	455	15	US-10-429-667-50
24	2529	100.0	455	15	US-10-677-471-50
25	2529	100.0	455	15	US-10-677-669-50
26	2529	100.0	455	16	US-10-735-014-50
27	2529	100.0	455	16	US-10-854-947-50
28	2529	100.0	455	16	US-10-858-993-50
29	2529	100.0	455	17	US-10-901-400-50
30	2529	100.0	455	17	US-10-858-981-50
31	2529	100.0	455	17	US-10-899-671-50
32	2529	100.0	455	17	US-10-943-353-50
33	2447.5	96.8	446	9	US-09-726-643-47

34	2447.5	96.8	446	9	US-09-790-264-2	Sequence 2, App1
35	2447.5	96.8	446	13	US-10-042-141-47	Sequence 47, App1
36	2447.5	96.8	446	14	US-10-269-353-2	Sequence 2, App1
37	2447.5	96.8	446	15	US-10-169-395-5	Sequence 5, App1
38	2447.5	96.8	446	17	US-10-919-272-47	Sequence 47, App1
39	2447.5	96.8	446	17	US-10-900-926-2	Sequence 2, App1
40	2315.5	91.6	420	9	US-09-790-264-4	Sequence 4, App1
41	2315.5	91.6	420	14	US-10-269-353-4	Sequence 4, App1
42	2315.5	91.6	420	17	US-10-900-926-4	Sequence 4, App1
43	2241	88.6	415	15	US-10-309-290-84	Sequence 84, App1
44	280	11.1	463	14	US-10-387-495-9	Sequence 9, App1
45	280	11.1	463	15	US-10-429-668-4	Sequence 8, App1
46	280	11.1	550	15	US-10-429-668-8	Sequence 7, App1
47	280	11.1	625	15	US-10-429-668-7	Sequence 2, App1
48	273	10.8	506	15	US-10-429-668-2	Sequence 3, App1
49	273	10.8	593	15	US-10-429-668-3	Sequence 285, App
52	272	10.8	463	9	US-09-905-291A-285	Sequence 285, App
402	272	10.8	463	14	US-10-299-976-285	Sequence 285, App
417	272	10.8	463	14	US-10-299-937-285	Sequence 285, App
543	272	10.8	463	15	US-10-298-993-285	Sequence 285, App
545	272	10.8	463	15	US-10-448-923-285	Sequence 285, App
546	272	10.8	463	15	US-10-449-656-285	Sequence 285, App
547	272	10.8	463	15	US-10-448-713-285	Sequence 285, App
550	272	10.8	463	15	US-10-425-447-285	Sequence 285, App
560	272	10.8	463	16	US-10-215-371-285	Sequence 285, App
561	272	10.8	463	16	US-10-771-187-285	Sequence 285, App
571	272	10.8	463	17	US-10-531-886-360	Sequence 360, App
573	272	10.8	463	17	US-10-963-467-285	Sequence 285, App
574	272	10.8	463	17	US-10-978-255-285	Sequence 285, App
575	272	10.8	463	18	US-10-797-366-285	Sequence 285, App
576	272	10.8	463	18	US-10-955-952-360	Sequence 285, App
577	265	10.5	498	10	US-09-789-390-21	Sequence 21, App1
578	265	10.5	498	10	US-09-789-390-76	Sequence 76, App1
626	260.5	10.3	497	14	US-10-219-065-56	Sequence 56, App1
681	260.5	10.3	497	15	US-10-416-314-63	Sequence 63, App1
684	260.5	10.3	497	17	US-10-901-801-2	Sequence 2, App1
685	259.5	10.3	497	10	US-09-789-390-17	Sequence 17, App1
686	257.5	10.2	497	10	US-09-789-390-43	Sequence 43, App1
687	257.5	10.2	497	10	US-09-789-390-44	Sequence 44, App1
688	257.5	10.2	497	17	US-09-789-390-45	Sequence 45, App1
689	257.5	10.2	497	17	US-10-363-374-2	Sequence 2, App1
690	256.5	10.1	498	10	US-09-789-390-75	Sequence 75, App1
691	256.5	10.1	497	10	US-09-789-390-19	Sequence 19, App1
692	254.5	10.1	239	14	US-10-091-135-85	Sequence 85, App1
693	254.5	10.1	255	9	US-09-876-225-2	Sequence 2, App1
694	254.5	10.1	255	15	US-10-417-727-2	Sequence 2, App1
695	254.5	10.1	257	10	US-09-800-198-88	Sequence 88, App1
696	254.5	10.1	258	9	US-09-808-602-110	Sequence 110, App1
697	254.5	10.1	258	10	US-09-800-198-96	Sequence 96, App1
698	254.5	10.1	258	15	US-10-058-270A-124	Sequence 124, App
699	254.5	10.1	258	16	US-10-755-889-402	Sequence 402, App
700	253	10.0	253	10	US-09-800-198-97	Sequence 97, App1
701	253	10.0	253	15	US-10-243-552-580	Sequence 580, App
702	253	10.0	253	15	US-10-094-886-120	Sequence 120, App
703	252	10.0	121	10	US-09-789-390-46	Sequence 46, App1
704	252	10.0	191	10	US-09-789-390-44	Sequence 42, App1
705	252	10.0	245	14	US-10-205-823-363	Sequence 363, App
706	252	10.0	245	15	US-10-341-434-28	Sequence 28, App1
707	252	10.0	245	15	US-10-341-434-45	Sequence 45, App1
708	251	9.9	497	17	US-10-488-528-2	Sequence 2, App1
709	251	9.9	497	17	US-10-488-528-4	Sequence 4, App1
710	250	9.8	245	17	US-10-931-886-282	Sequence 98, App1
711	249	9.8	242	18	US-10-955-955-262	Sequence 262, App
712	247.5	9.8	151	10	US-09-789-390-74	Sequence 74, App1
713	241	9.5	300	9	US-09-808-602-27	Sequence 27, App1
714	241	9.5	300	10	US-09-800-198-25	Sequence 25, App1
715	240	9.5	188	9	US-09-808-602-109	Sequence 109, App
716	237.5	9.4	431	9	US-09-808-602-113	Sequence 113, App
717	237.5	9.4	501	10	US-09-789-390-23	Sequence 23, App
718	236	9.3	501	10	US-09-789-390-77	Sequence 77, App1
719	236	9.3	1268	18	US-10-698-190-24	Sequence 24, App1